

LA-UR-21-29573

Approved for public release; distribution is unlimited.

Title: September 2021 Operational Highlights

Author(s): Steeves, Brye Ann

Intended for: Report

Issued: 2021-09-28

Disclaimer:

Los Alamos National Laboratory, an affirmative action/equal opportunity employer, is operated by Triad National Security, LLC for the National Nuclear Security Administration of U.S. Department of Energy under contract 89233218CNA000001. By approving this article, the publisher recognizes that the U.S. Government retains nonexclusive, royalty-free license to publish or reproduce the published form of this contribution, or to allow others to do so, for U.S. Government purposes. Los Alamos National Laboratory requests that the publisher identify this article as work performed under the auspices of the U.S. Department of Energy. Los Alamos National Laboratory strongly supports academic freedom and a researcher's right to publish; as an institution, however, the Laboratory does not endorse the viewpoint of a publication or guarantee its technical correctness.

Date: Sept. 24, 2021

Prepared for: Megan Bruns, Federal Program Manager

From: National Security Research Center (NSRC), Los Alamos National Laboratory (LANL)

September 2021 Operational Highlights

- Significant progress continues at the NSRC's Rocky Flats Digitization Lab with 209 of 524 boxes shipped and accessioned into the NSRC collections.
- The first set of Rocky Flats data was bulk loaded into Online Vault production and a weekly bulk load schedule is underway. Approximately 10,000 field testing documents with metadata have been uploaded to the Online Vault, which is a classified, searchable library of LANL's nuclear weapons design and test history.
- The second half of the Online Vault backup drives were secured at Lawrence Livermore National Laboratory. An extensive set of patches, or software and operating system (OS) updates that address security vulnerabilities, were deployed to the servers.
- The classified server for Titan on the Red was set up and installation of the software package is on track; the classified team's review is underway. Titan on the Red is an artificial intelligence/machine learning system to make digitizing, cataloging, and searching NSRC collections more efficient and easier.
- The second annual issue of the NSRC-produced *The Vault* magazine was published in print and [online](#). The magazine is the compendium of 10 months of content creation that offers historical education to a LANL-wide audience and our external partners, as well as introduces readers to our staff, services, and collections.